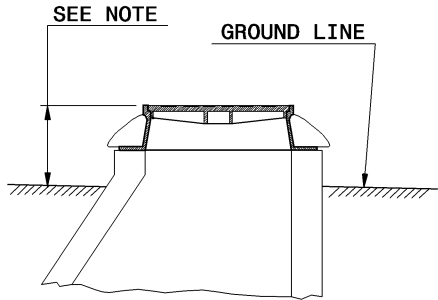
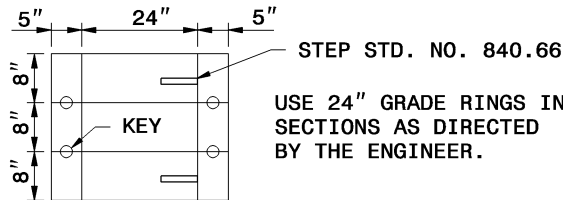
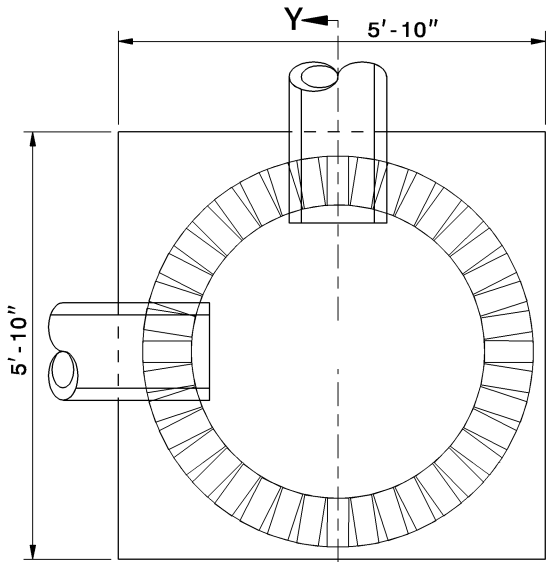


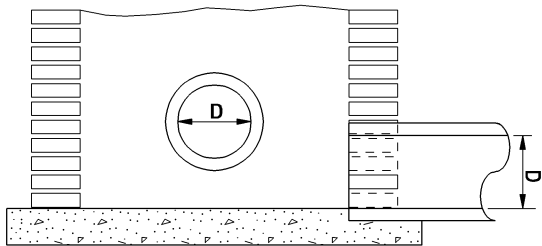
ENGLISH STANDARD DRAWING FOR  
**PRECAST MANHOLE WITH MASONRY BASE**  
12" THRU 42" PIPE



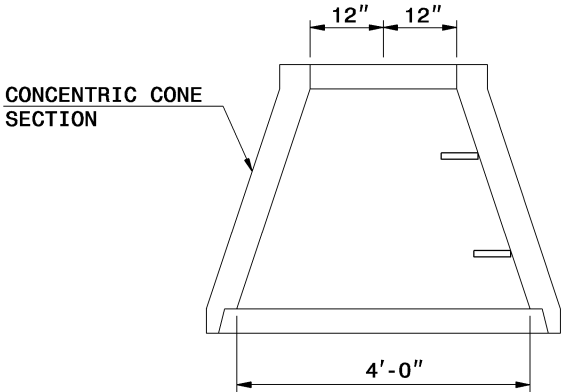
DIMENSIONS	
PIPE DIM.	BRICK HEIGHT
D	H1 (MIN)
12"	1'-5"
15"	1'-8"
18"	1'-11"
24"	2'-6"
30"	3'-0"
36"	3'-7"
42"	4'-2"



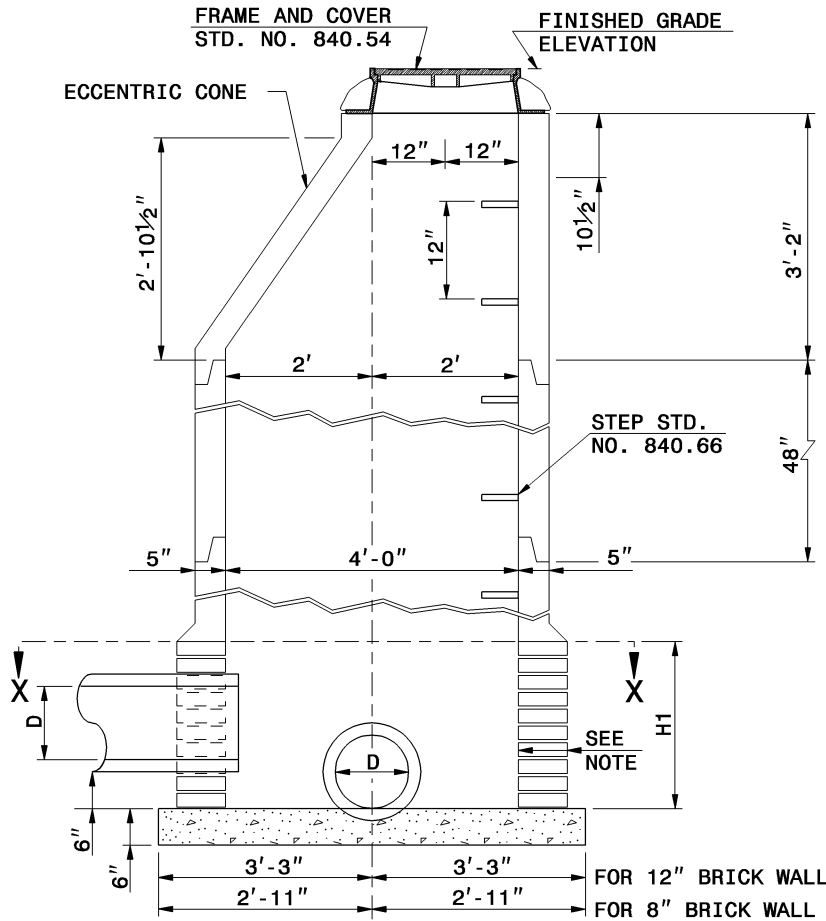
**SECTION X-X**



**PART SECTION Y-Y**



**ALTERNATE CONE SECTION**



**SECTION ON C**

GENERAL NOTES:

MORTAR JOINTS  $\frac{1}{2}$ "  $\pm$   $\frac{1}{8}$ " THICK.

USE CLASS "B" CONCRETE THROUGHOUT.

USE FORMS TO CONSTRUCT THE BASE SLAB.

JUMBO BRICK WILL BE PERMITTED. CONCRETE BRICK OR 4" SOLID CONCRETE BLOCK WILL BE USED IN LIEU OF CLAY BRICK.

USE PRECAST MANHOLE COMPONENTS MEETING REQUIREMENTS OF STD.NO.840.52 AND AASHTO M199.

FOR MANHOLE OVER 12' VERTICAL WALL DEPTH, CONSTRUCT BRICK MASONRY WALL 12" THICK. FOR MANHOLES WITH A VERTICAL DEPTH LESS THAN 12', CONSTRUCT BRICK MASONRY WALL 8" THICK.

ASSEMBLE RISERS AND GRADE RINGS WITH THE STEPS SPACED 12" FROM THE TOP TO THE BOTTOM OF THE MANHOLE.

WHERE THE MANHOLE IS EXPOSED TO ROAD TRAFFIC, CONSTRUCT THE TOP OF THE MANHOLE FLUSH WITH THE GROUND AND A MINIMUM OF 9" ABOVE THE GROUND AT OTHER LOCATIONS

IF REINFORCED CONCRETE PIPE IS SET IN BASE SLAB OF BOX, ADD TO BASE AS SHOWN IN STD. NO. 840.00.

ENGLISH STANDARD DRAWING FOR  
**PRECAST MANHOLE WITH MASONRY BASE**  
12" THRU 42" PIPE